COMPUTER SCIENCE (H)
B.Sc. Second Semester End Examination - 2024
PAPER - SEC02P
Web Application Lab

Full Marks : 20   *Time : 2 hours*

The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in their own words as far as practicable.
Illustrate the answers wherever necessary.

Answer any one question of the following :   1×15=15

1. Design a webpage for a fictional coffee shop named "Midnapore Cafe". Include the following elements :

    • Title : "Coffee Break at Midnapore Cafe"

    • A nagivation bar with links to "Home", "Menu", and "Contact Us".

    • A hero section with a large image showcasing the coffee shop's ambience and sort description.

    • A section with list of popular coffee drinks.

(2)

- A contact form with fields for name, email and message.

Use appropriate HTML tags for each element.

2   Design a Webpage by creating a table with three columns to display a product catalog for a clothing store.

- Columns shold be "Product Name", "Price", and "Image".

- Include at least 5 items in the table.

3.   Design a simple registration form with fields for username, email, password (password type) and a submit button. Use appropriate HTML attributes for data validation (e.g. required email type)

4.   Create two separate HTML flies : "Index.html" and "about.html".

- In "Index.html", create a link to the "about.html" page using an anchor tag with appropriate text.

- In "about.html", display an image with a relevant caption and use an external link to the image source (provide a placeholder image URL if downloading is not allowed)

5.   Create a webpage with two sections side-by-side using CSS

(3)

floats :

- One section should display a list of services offered (unordered list)

- The other section should showcase a company logo and a short description.

- Use appropriate CSS properties for positioning and margins.

6.   Create an HTML form with the following fields :

- Name (text),. - Email (email input), - Age (number input), - Gender (radio button : Male/Female), -Favourite color (dropdown) - submit button.

7.   Create a simple webpage layout using HTML and CSS. The webpage should include a header, navigation bar, main-content area, and footer. Apply appropriate styling to achieve a visually appealing design.

8.   Write a HTLM program to create a form for the subscription of a magazine. The form should contain Name, Address, City, PIN code etc. Magazine should be selected from 5 different magazines using checkbox. Subscription is available for 1 year or two years. Radio buttons shall be used to select subscription period. The page should have a
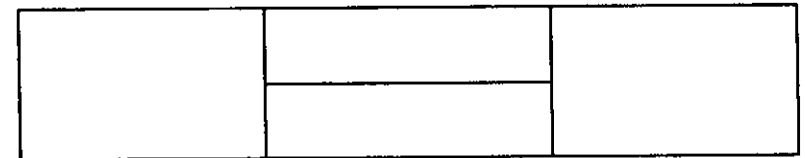
(4)

submit button.

9. Write an HTML code using CSS to create a job application form having the complete biodata including a table containing educational details. The form should have a submit button.

10. Create a webpage and divide the webpage into six frames. In one frame create five links that will display different HTML forms in remaining five frames respectively.

11. Create a web page for the department using HTLM and CSS to provide information, a list of programs and the syllabus, and a departmental photo.

12. Create a webpage using HTML and CSS that displays the following table of information.

Students Information

SI No.	Name	Subjects Marks				Total
		Computer Science	Mathematics	Physics	Chemistry	
1	Name - 1					
2	Name - 2					
3	Name - 3					
4	Name - 4					
5	Name - 5					

(5)

13. Write the HTML code to design the following frame structure. In the Leftframe, there should be an image. In the right frame, there should be an hyperlink and on clicking it, the new document should be displayed in the upper-middle frame.

14. Create an webpage to insert an Inage in a web page and make it hyperlink to open some other document.

PNB+VIVA = 05